

30330" 360/250

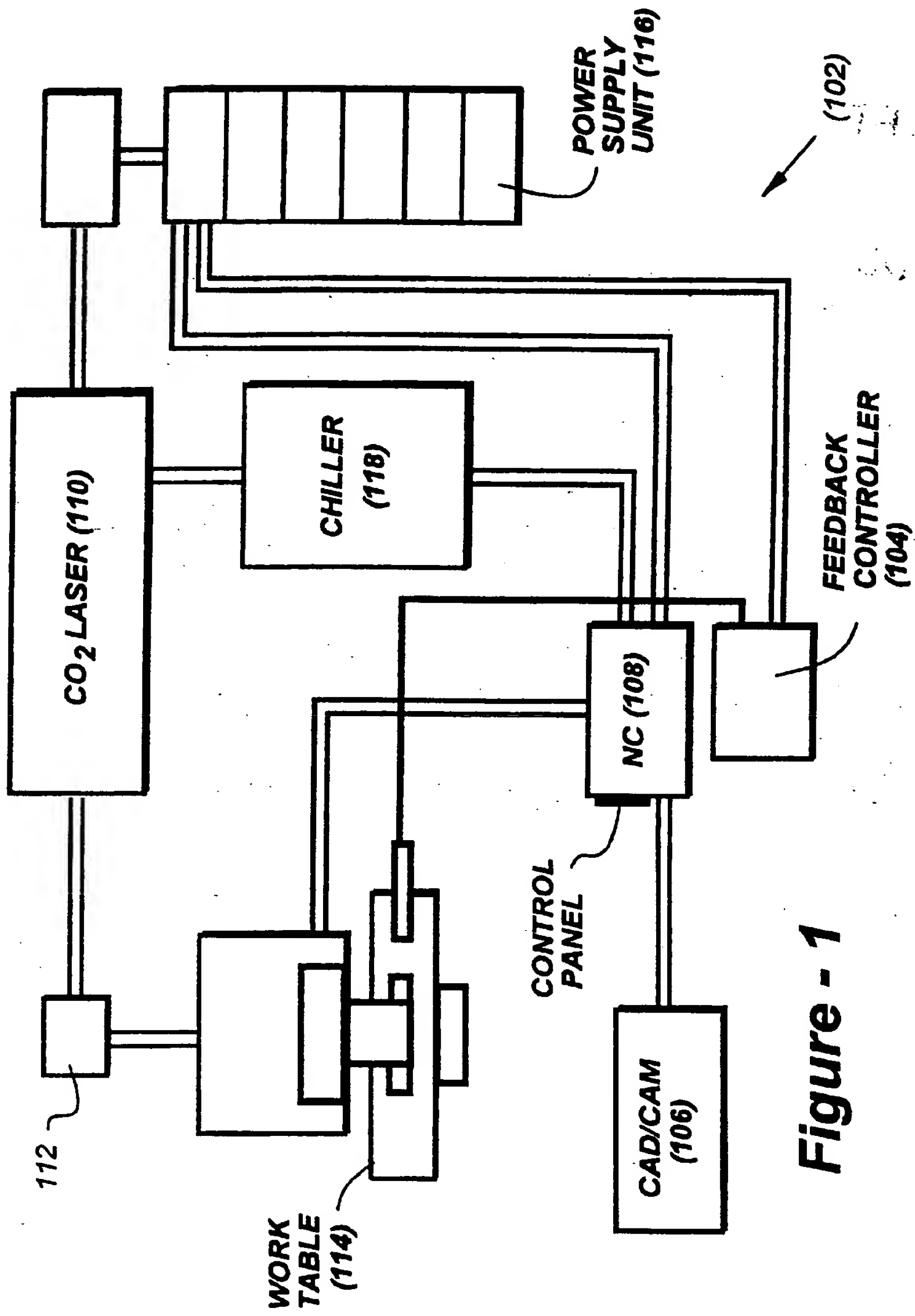
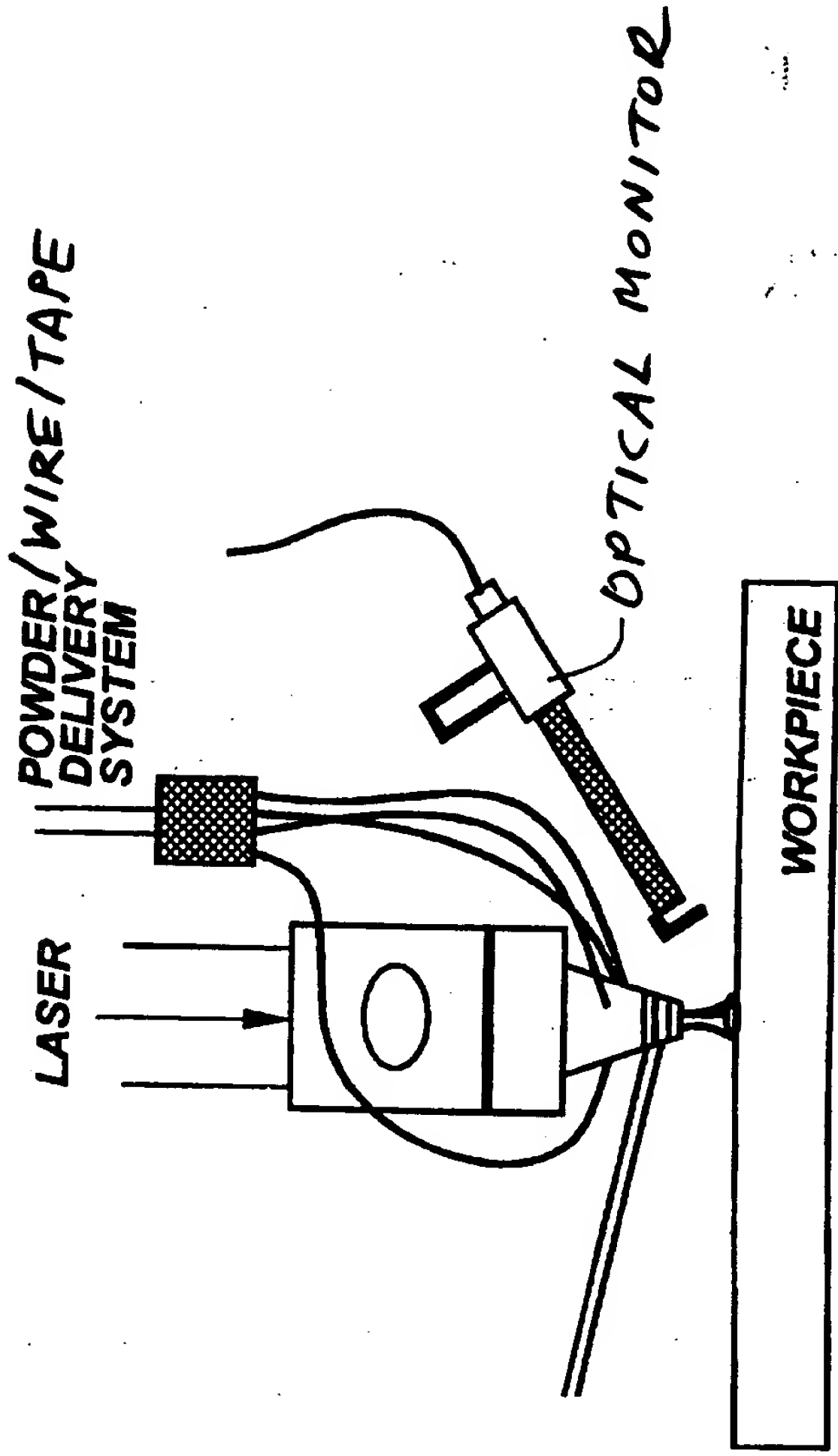


Figure - 1

20250708 09:04:00

Figure - 2



1990

0947096 032300

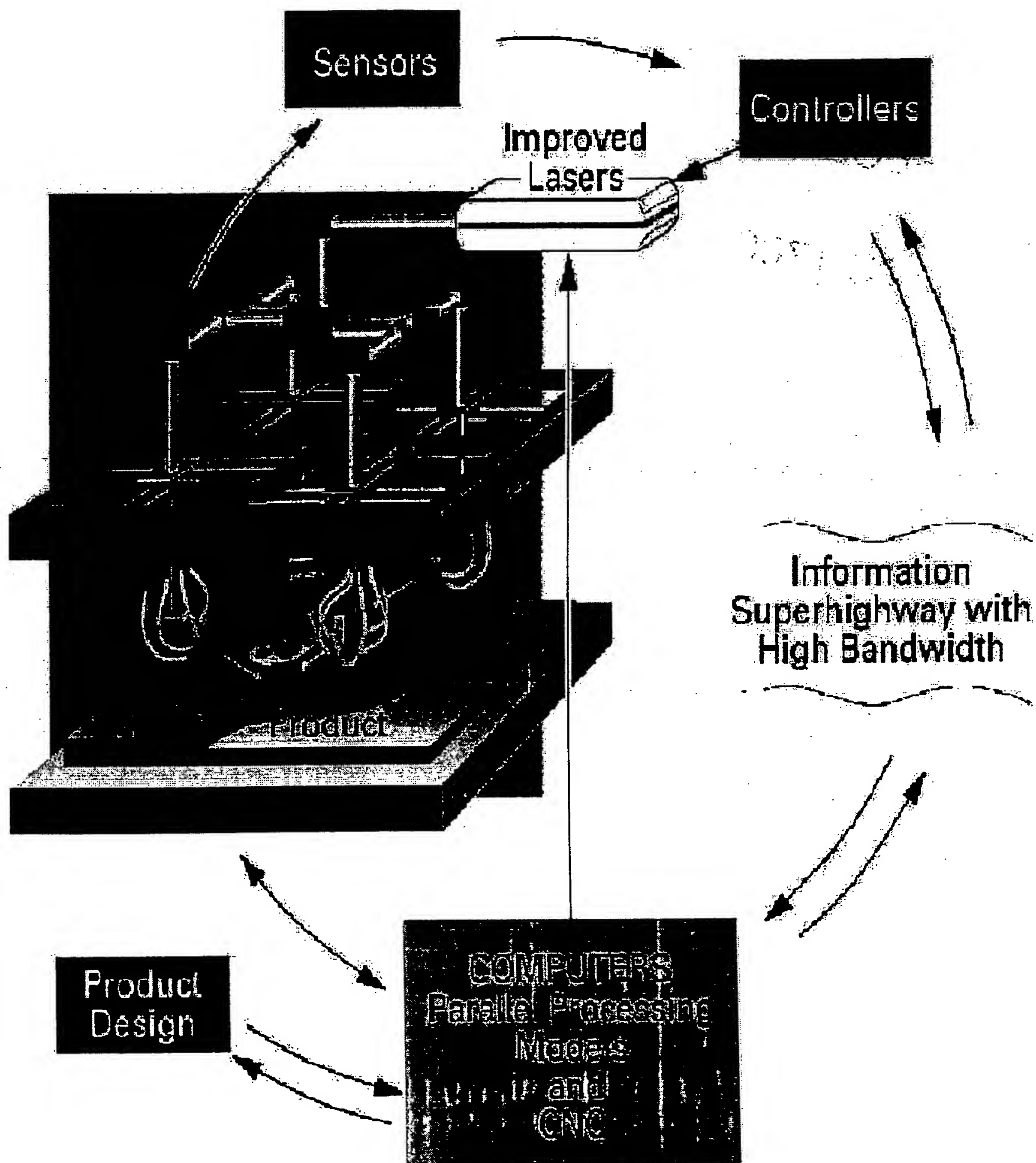


FIGURE 4

20220327560

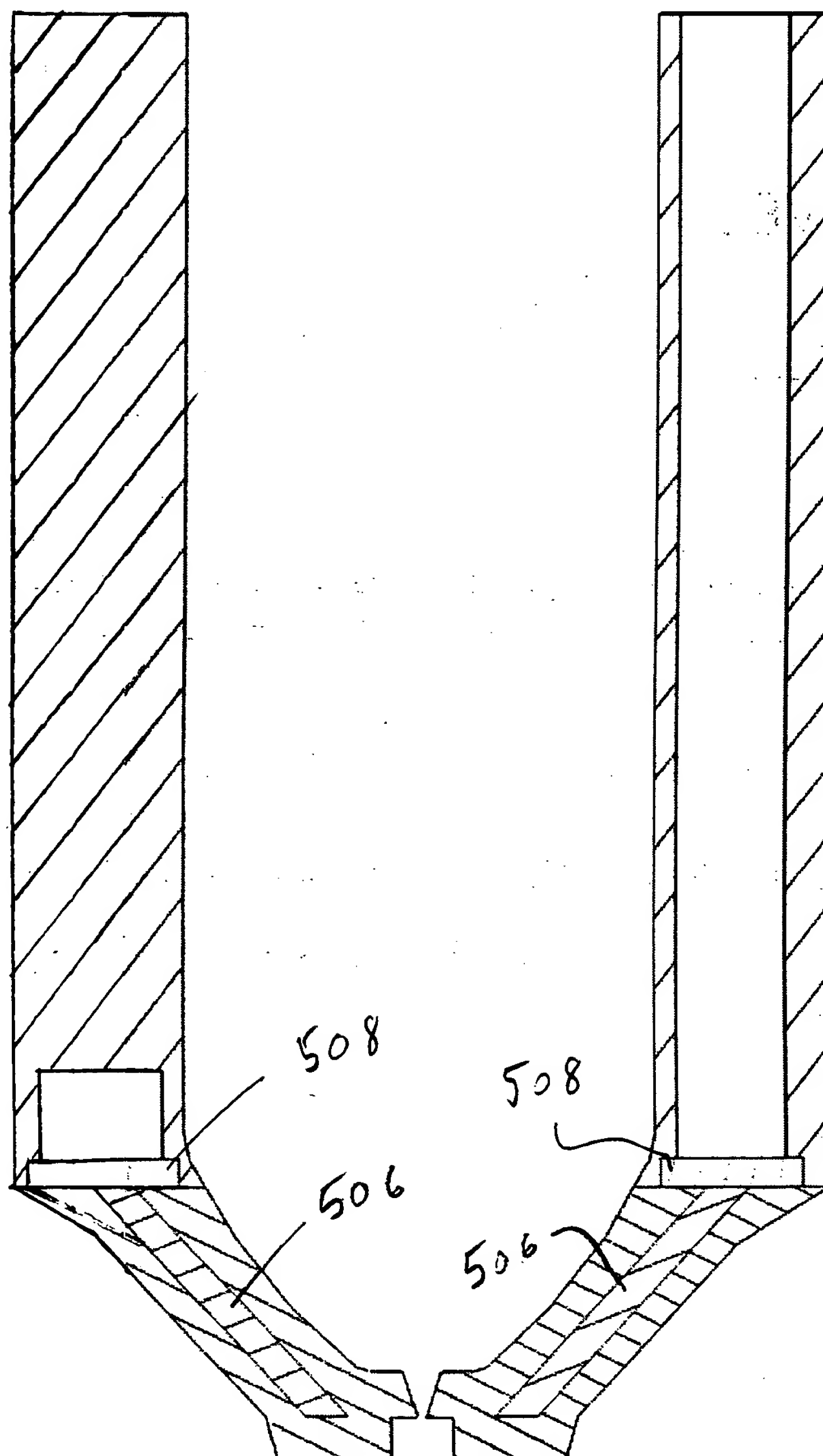


FIGURE 5A

09917096-02660

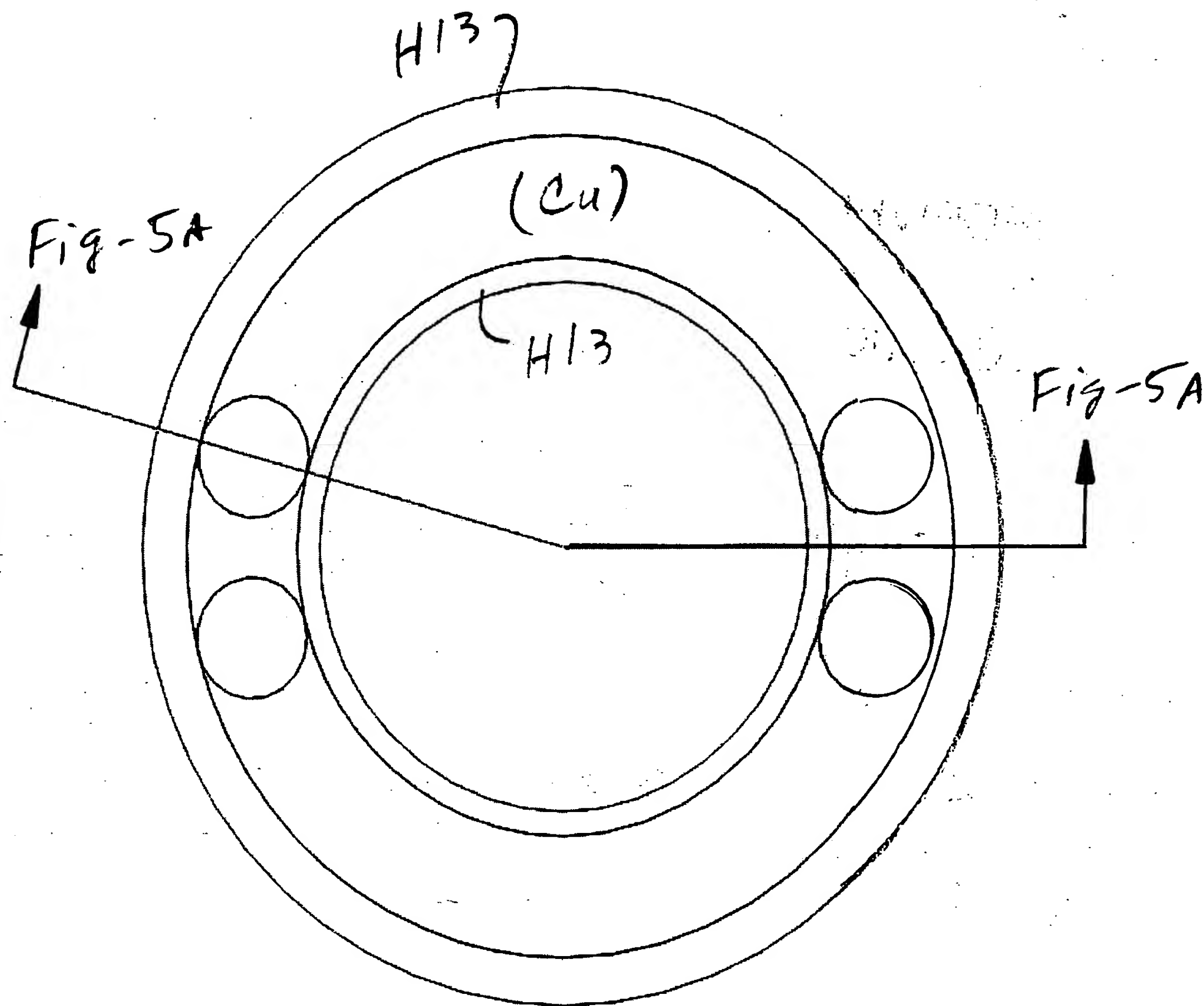


FIGURE 5B

Conventional
Drilled Cooling
Channels
(DCC)

FIGURE 6A

Conformal Cooling Channels (CCC)

Re-design of actual automotive fuse box cover to reduce molding cycle times using CoolMold Technology

FIGURE 6B

Re-design of actual automotive fuse box cover to reduce molding cycle times using CoolMold Technology

THE

2025-08-20 14:00:00

Comparative Analysis - Core Heating Time [70 deg.F - 350 deg.F]

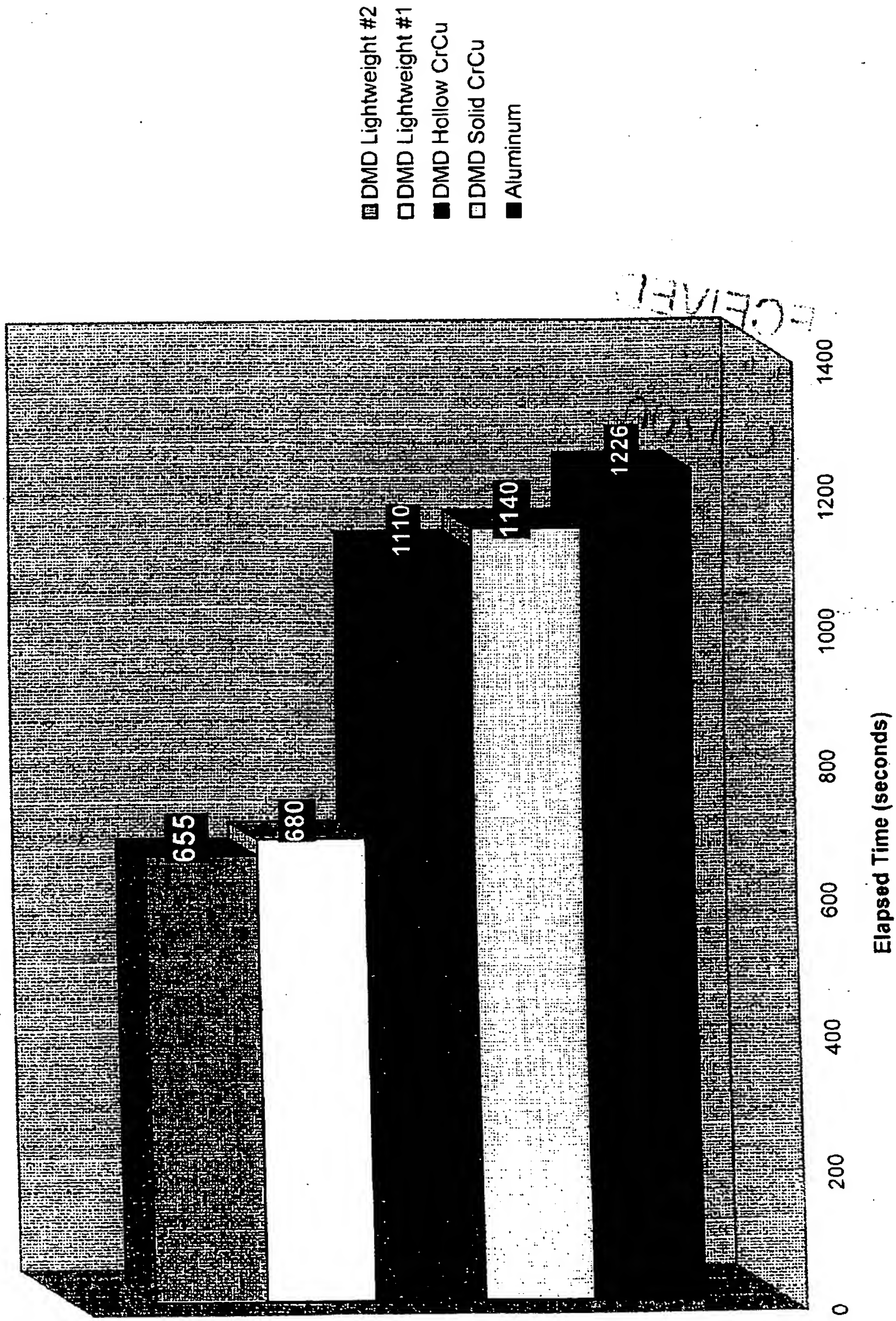


FIGURE 7

208220" 350/1560

Comparative Analysis - Cavity Heating Time [70 deg.F - 350 deg.F]

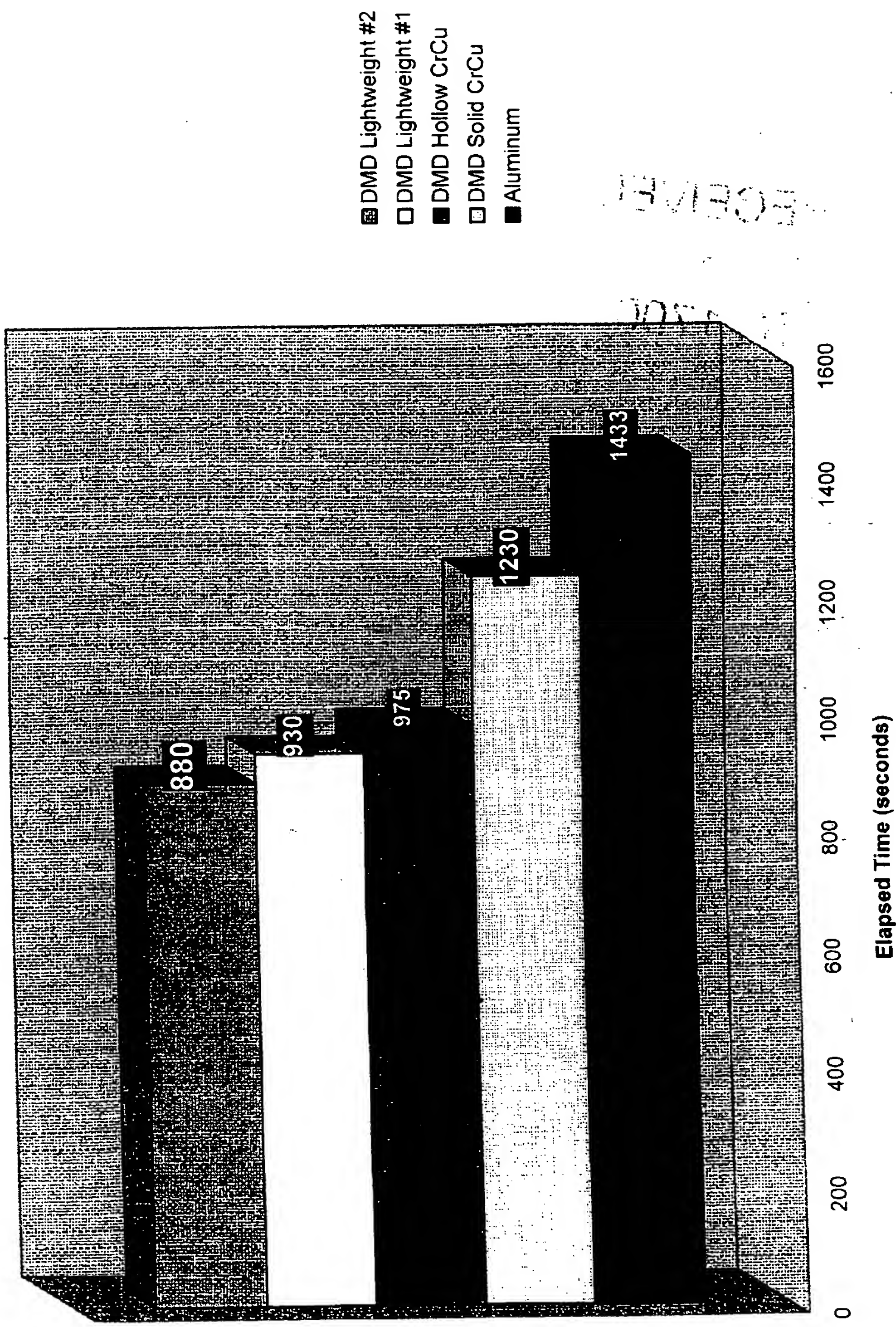


FIGURE 8

208220" 9604660

TEST 2-1 [DMD Hollow vs. Aluminum]

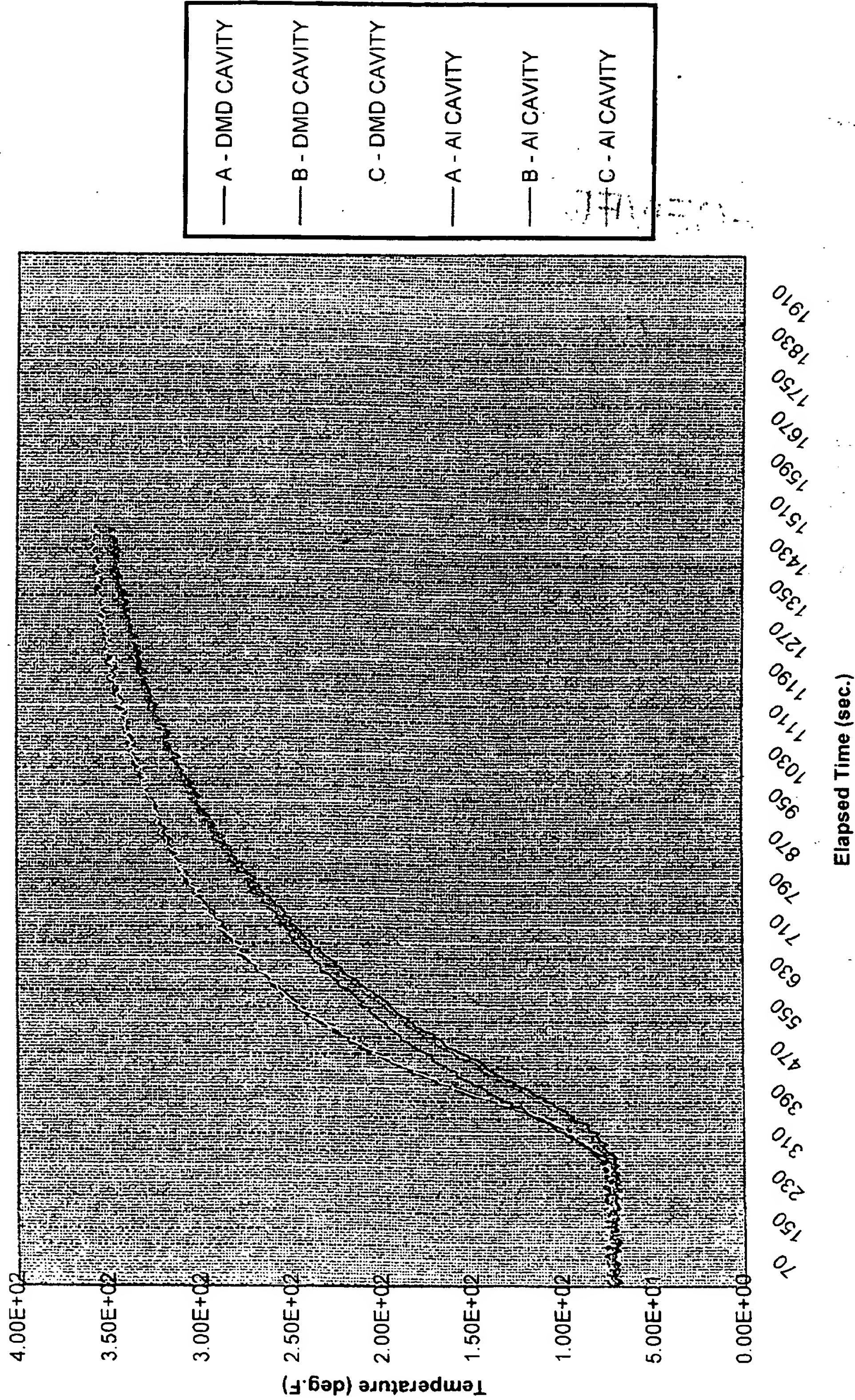


FIGURE 9

208220" 36027660

TEST 2-1 [DMD Hollow vs. Aluminum]

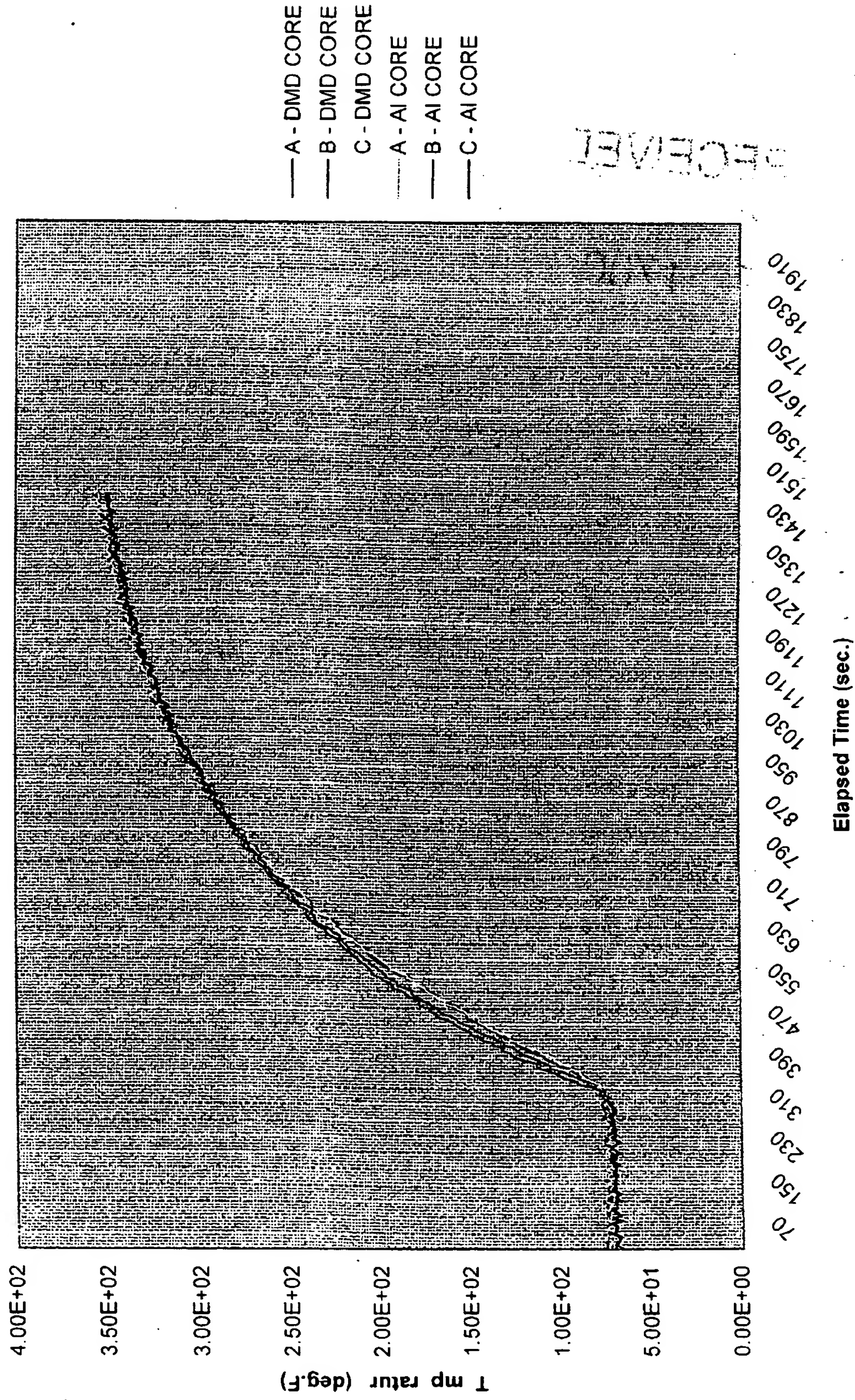


FIGURE 10

203220-360760

TEST 3-2 [DMD Light Wt.#1 vs. Aluminum]

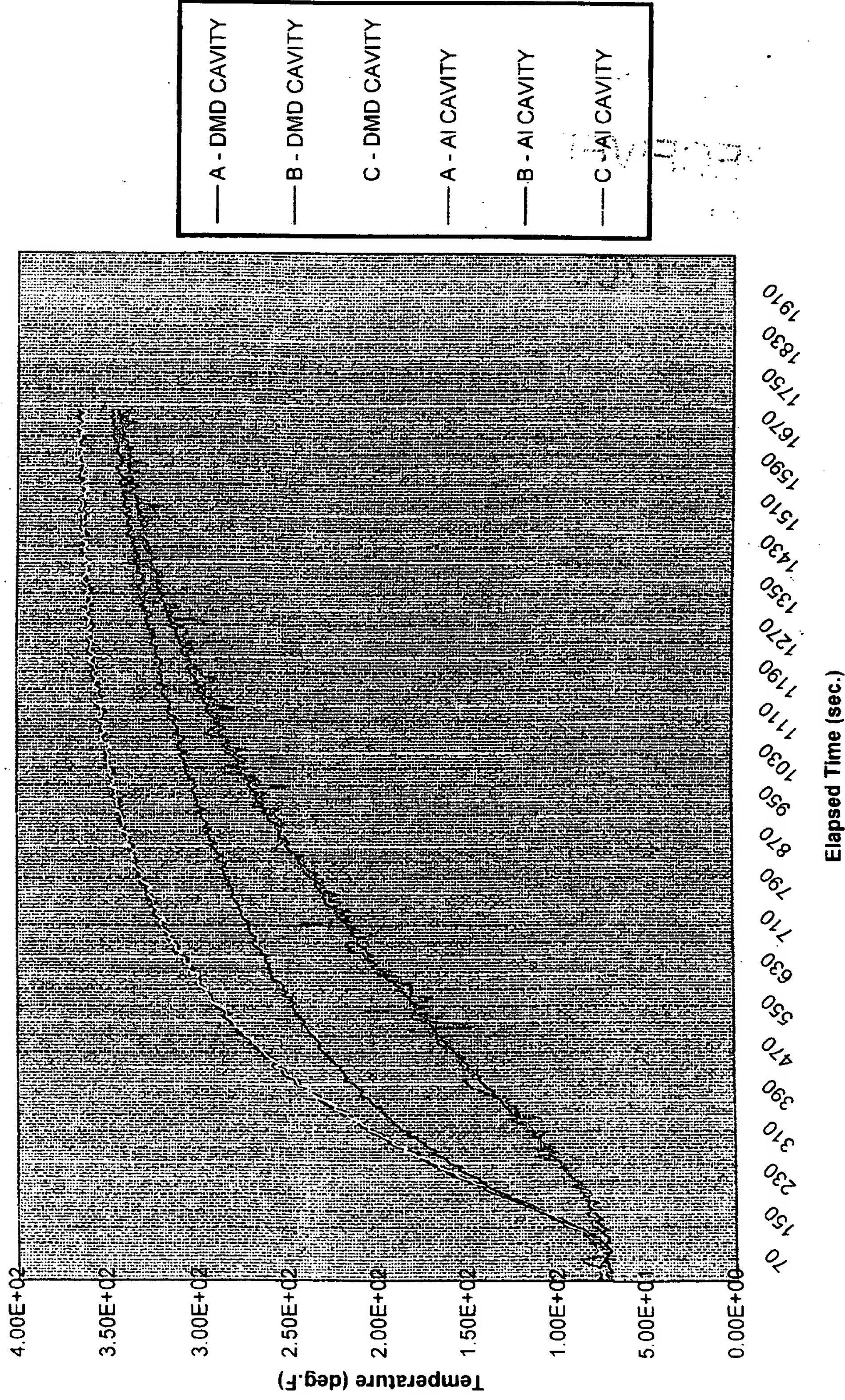


FIGURE 11

208220" 9604T660

TEST 3-2 [DMD Light Wt.#1 vs. Aluminum]

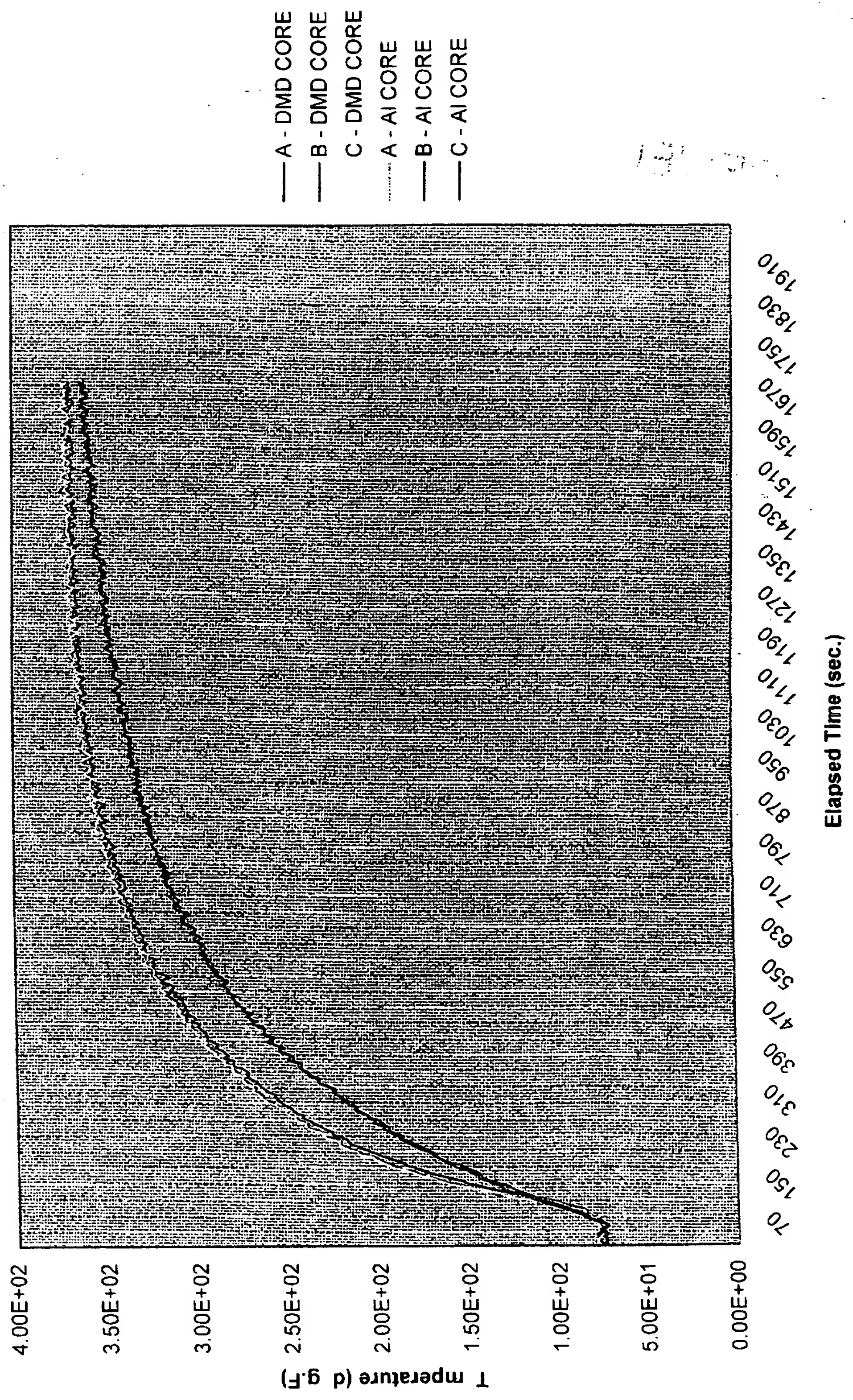


FIGURE 12

208220" 960/1650

TEST 4-2 [DMD Light Wt.#2 vs. Aluminum]

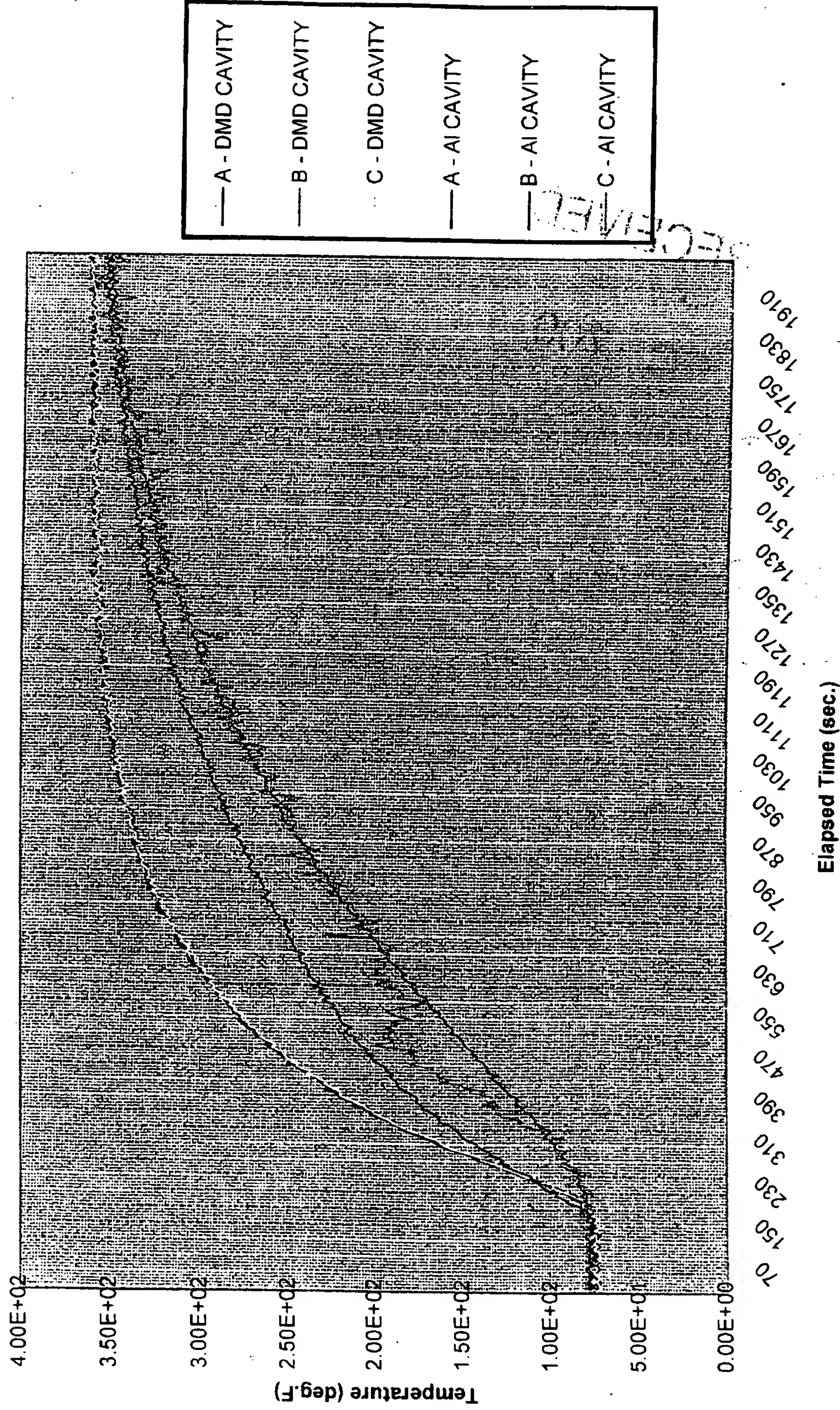


FIGURE 13

208220-95047650

TEST 4-2 [DMD Light Wt.#2 vs. Aluminum]

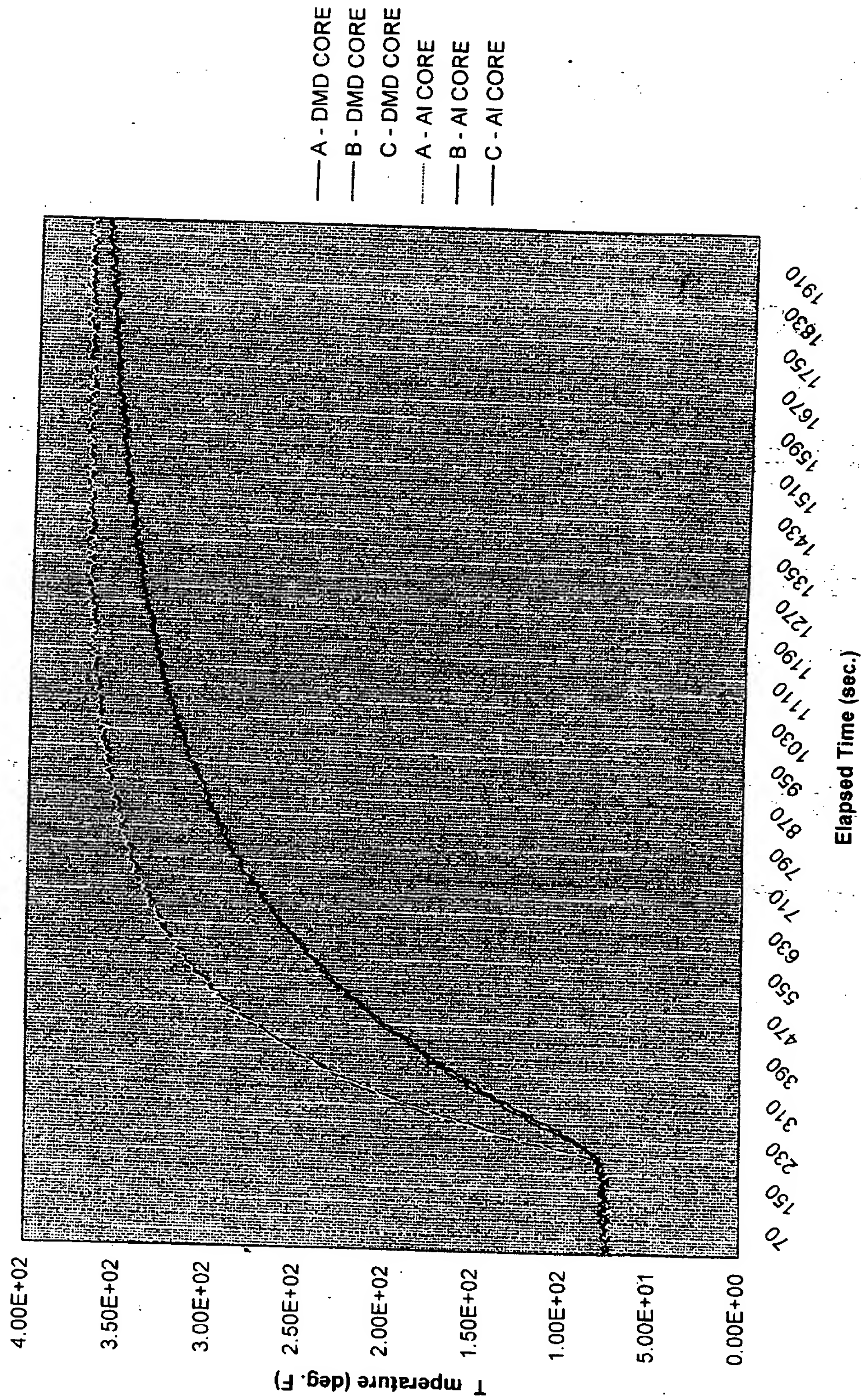


FIGURE 14